

**IN THE UNITED STATES ELECTED/DESIGNATED OFFICE
OF THE UNITED STATES PATENT AND TRADEMARK OFFICE
UNDER THE PATENT COOPERATION TREATY**

Applicant(s): Hidetoshi Ito et al.
Intl. Appl. No.: PCT/JP2005/005312
Intl. Filing Date: March 16, 2006
Title: STIMULI-RESPONSIVE HYDROGEL, PRODUCTION
METHOD OF STIMULI-RESPONSIVE HYDROGEL, AND
POLYMER ACTUATOR USING STIMULI-RESPONSIVE
HYDROGEL
Docket No.: 112857-608

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PRELIMINARY AMENDMENT

Sir:

Please amend the above-identified International Application before entry into the National stage before the U.S. Patent and Trademark Office under 35 U.S.C. §371 as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 35 of this paper.

Remarks begin on page 37 of this paper.